



# Group on Earth Observations

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GGOS Days

October 31 to November 2, 2017  
Vienna, Austria

# History

- GEO established in 2005 at 3<sup>rd</sup> EO Summit
  - Created in recognition that international collaboration is essential for exploiting growing potential of Earth observations to support decision making in an increasingly complex and environmentally stressed world
  - GEO is creating Global Earth Observing System of Systems (GEOSS) to link Earth observations world-wide and make them available for better informed decision making
- In 2014, GEO extended for a 2<sup>nd</sup> decade
  - With the goals to
    - Improve the effectiveness of GEO's actions
    - Broaden engagement & collaboration of stakeholders including decision makers
    - Sustain resources for GEOSS' continuous development and functioning
  - Requested development of a new plan to achieve these goals
- In 2015, the strategic and implementation plan was accepted
  - “GEO Strategic Plan 2016-2025: Implementing GEOSS”  
[https://www.earthobservations.org/documents/GEO\\_Strategic\\_Plan\\_2016\\_2025\\_Implementing\\_GEOSS.pdf](https://www.earthobservations.org/documents/GEO_Strategic_Plan_2016_2025_Implementing_GEOSS.pdf)
    - Implementation of this plan is defined in the GEO Work Programmes

# GEO Work Programmes

- Primary coordination and planning instrument
  - Defines Foundational Tasks (achieve strategic objectives)
    - GEOSS Development and GEOSS Common Infrastructure (GCI) Operations (6)
    - Community Development (1)
    - Secretariat Operations (3)
  - Describes plans for
    - GEO Flagship tasks (develop and implement near-operational services) (4)
    - GEO Initiative tasks (demonstrate pilot or prototype services) (24)
    - GEO Community Activity tasks (develop concepts and applications) (34)
- “GEO 2016 Work Programme”
  - First Work Programme for new GEO decade 2016-2025
  - Is transitional in nature
    - Bridges 1<sup>st</sup> and 2<sup>nd</sup> GEO decades
    - Ensures continuation of current activities while defining new priority actions
- 1<sup>st</sup> “regular” Work Programme covers 2017-2019

# GEO Programme Board

- Objectives
  - Supports the GEO strategic plan
    - Ensures overall alignment of Work Programmes with GEO's strategic objectives
    - Works to align the scope of Work Programmes with committed resources
    - Enables cross-cutting coordination and knowledge exchange
    - Promotes GEO Work Programmes and engagement of stakeholders in their implementation
- Members
  - Appointed by GEO Plenary
    - GEO Secretariat issues annual call for nominations
    - GEO Executive Committee reviews nominations and recommends candidates
  - Members serve for 3 years, renewable
    - 16 from Member Organizations, 16 from Participating Organizations
    - Every year, 1/3 of Programme Board is up for renewal
- IAG/GGOS nominee to Programme Board
  - Richard Gross nominated to represent IAG/GGOS on PB
    - At suggestion of Mike Sideris, the IUGG representative to the Programme Board
    - If appointed, 2 alternates can also be appointed

# GGOS Participation in GEO

- Contributor to GEO Foundational Task:  
*GEOSS in-situ Earth observation resources*

Participants: Richard Gross

- Objectives

- Review ongoing in-situ observations to identify opportunities and risks
- Document and analyze user requirements
- Contribute to identifying gaps of current in-situ observing systems
- Analyze current and expected science and technology to fill gaps
- Identify strategies to facilitate access to data from in-situ observing systems

- Status

- Member of coordination team
- Participated in bottom-up inventory of in-situ Earth observation systems
- Andre Obregon replaced Osamu Ochiai as GEO Secretariat lead

# GGOS Participation in GEO

- Participated in 2<sup>nd</sup> GEO Data Providers Workshop

April 20-21, 2017; Florence, Italy

Participants: Richard Gross

- Objectives

- Provide data providers with comprehensive overview of GEOSS
- Identify current issues with GEOSS and discuss ways of overcoming them
- Provide forum for discussions on data standards, quality, management
- Provide information on how to contribute data and resources to GCI

- Status

- Initiated dialogue with GEOSS about providing GGOS data and products

# GGOS Participation in GEO

- Participated in GEO Work Programme Symposium

May 12-13, 2017; Tshwane (Pretoria), South Africa

Participants: Richard Gross

- Objectives

- Strengthen alignment of Work Programme activities
- Promote and enable collaborative interactions
- Identify and establish approaches to address gaps
- Serve as capacity building effort on major policy initiatives
- Showcase GEO's evolution to being more demand-driven

- Status

- Gave presentation entitled "The Global Geodetic Observing System"
- Participated in meeting of GEO Foundational Task on GEOSS in-situ Earth observation resources

# GGOS Participation in GEO

- GEO-XIV Plenary, Exhibition, and Side Events

Washington, DC; October 23-27, 2017

Participants: A. Craddock, R. Gross, J. LaBrecque, C. Noll, M. Sehnal, G. Stangl

- Plenary

- Attended

- Exhibition

- GGOS booth with IAG, GGOS, and IGS banners, posters, brochures

- Side events attended

- *Best Practices – Data Sharing and Data Management in the GEO Community*
- *GEO Communicators Roundtable*
- *Earth Observations in Service of the 2030 Agenda for Sustainable Development*
- *GEOSS In-Situ Earth Observation Resources: The Coordination Landscape*
- *Vision for the WMO Global Observing System in 2040*
- *Sustainable Development on our Human Planet: Earth Observations in Support of the Sustainable Development Goals*



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